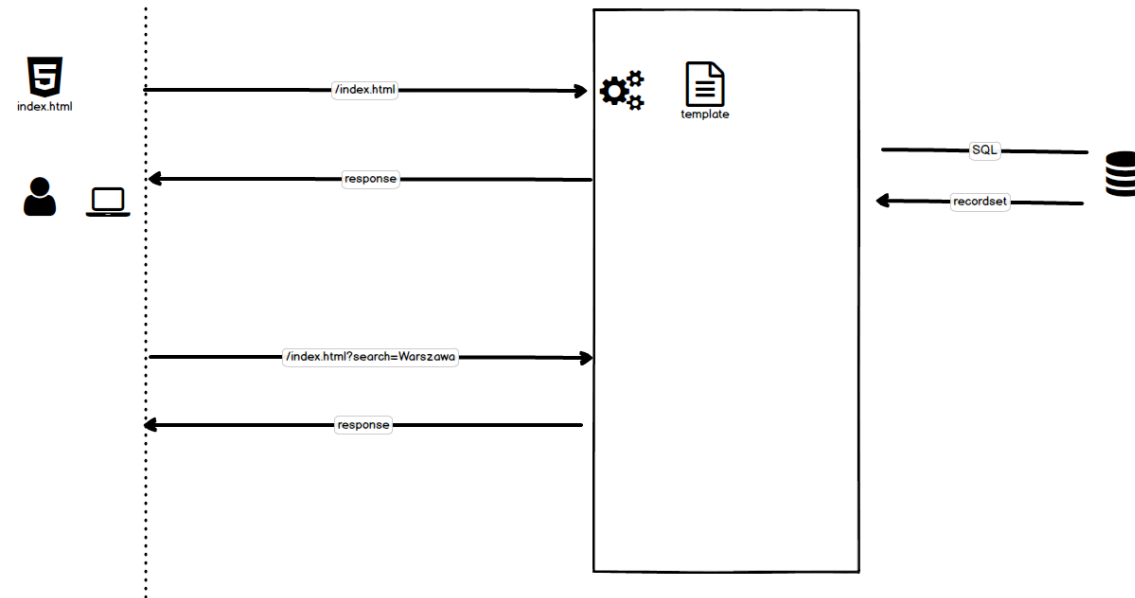
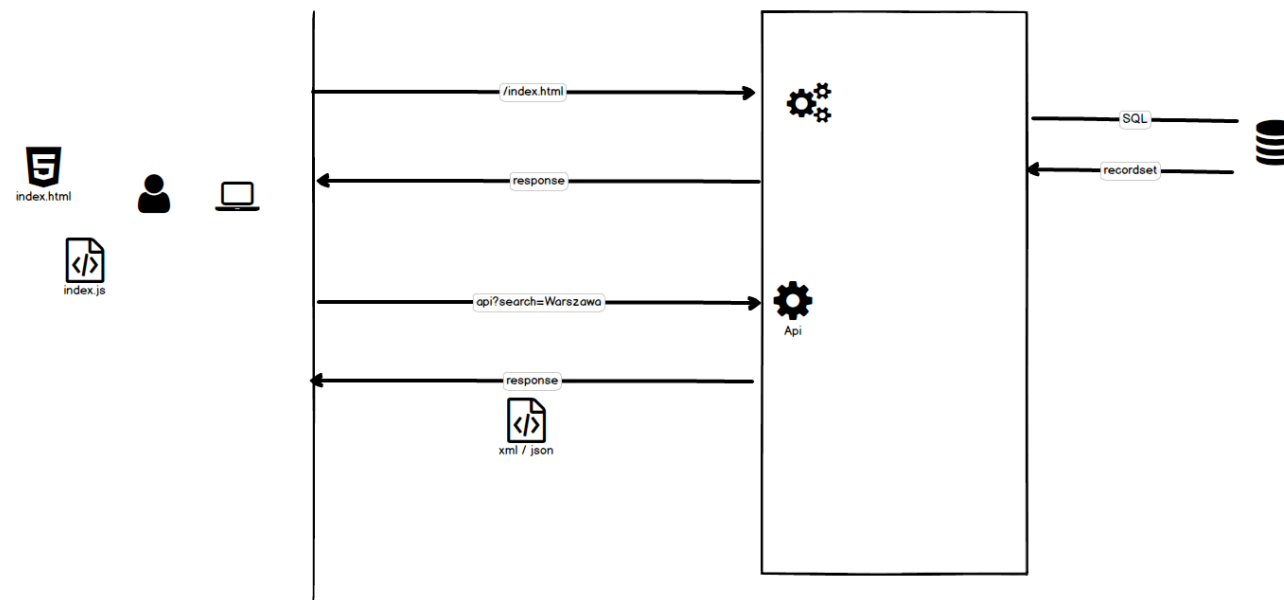

Blazor

Architecture

Server Side Rendering (SSR)

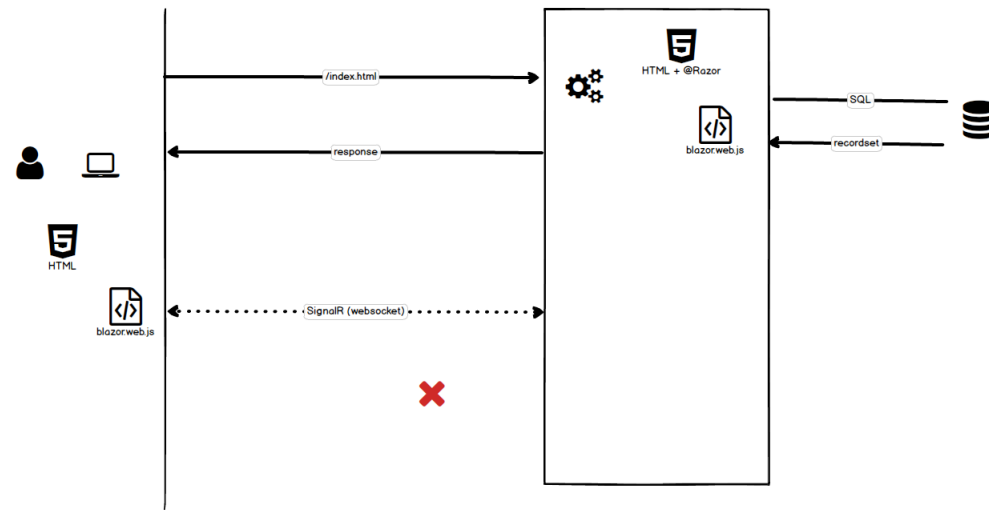


Client Side Rendering (CSR) / SPA (Single Page Application)

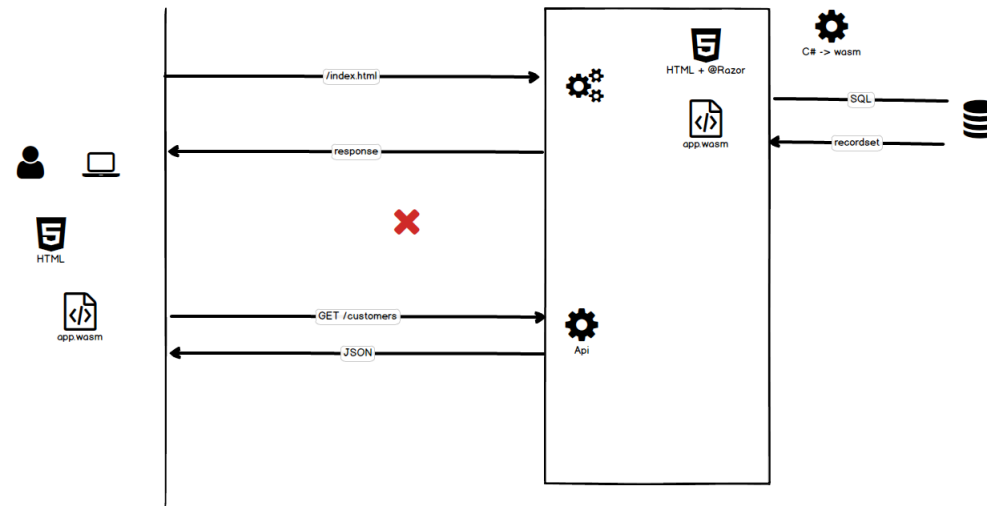


Blazor Hosting Models

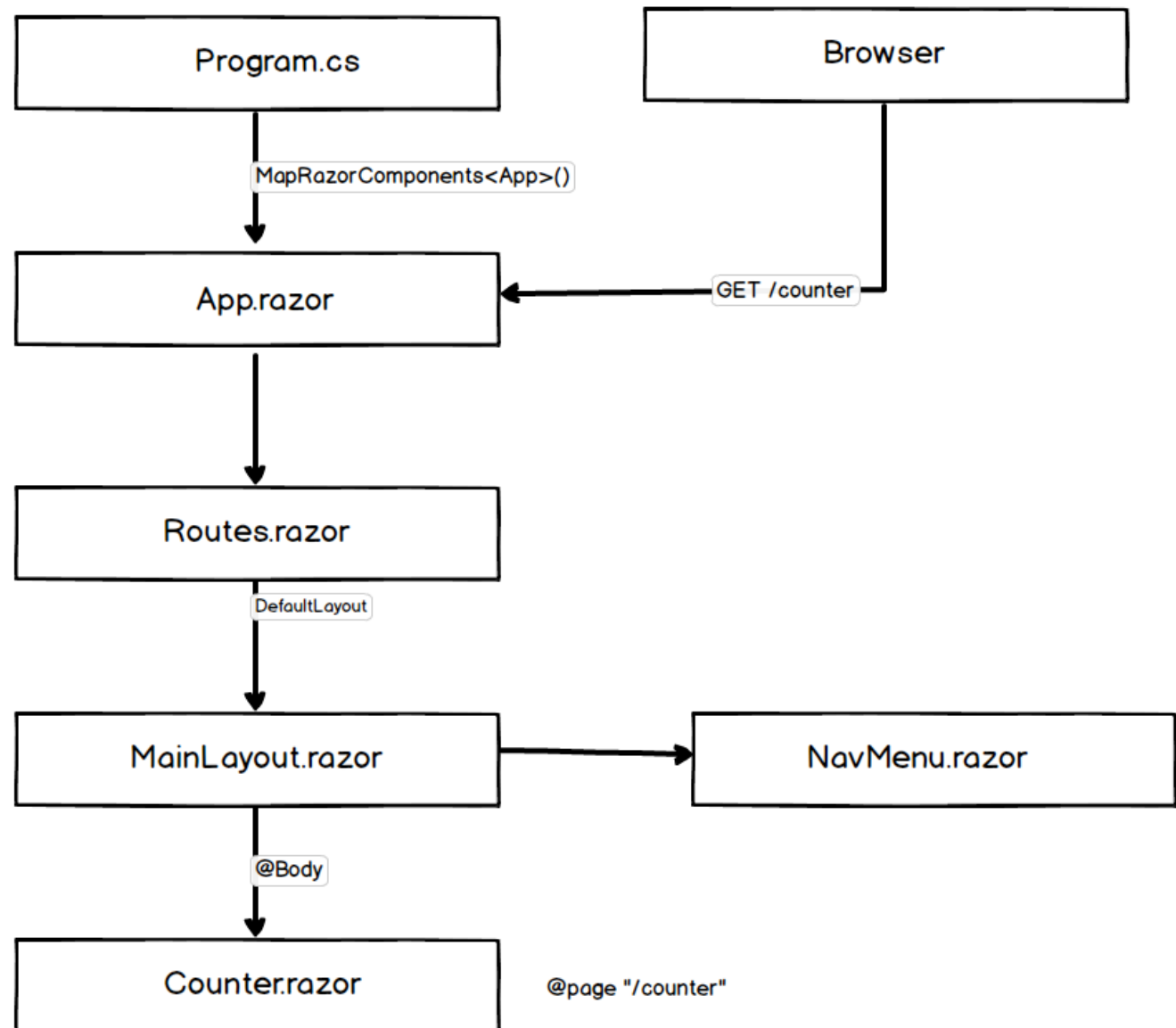
Blazor Server (Blazor Server-Side)



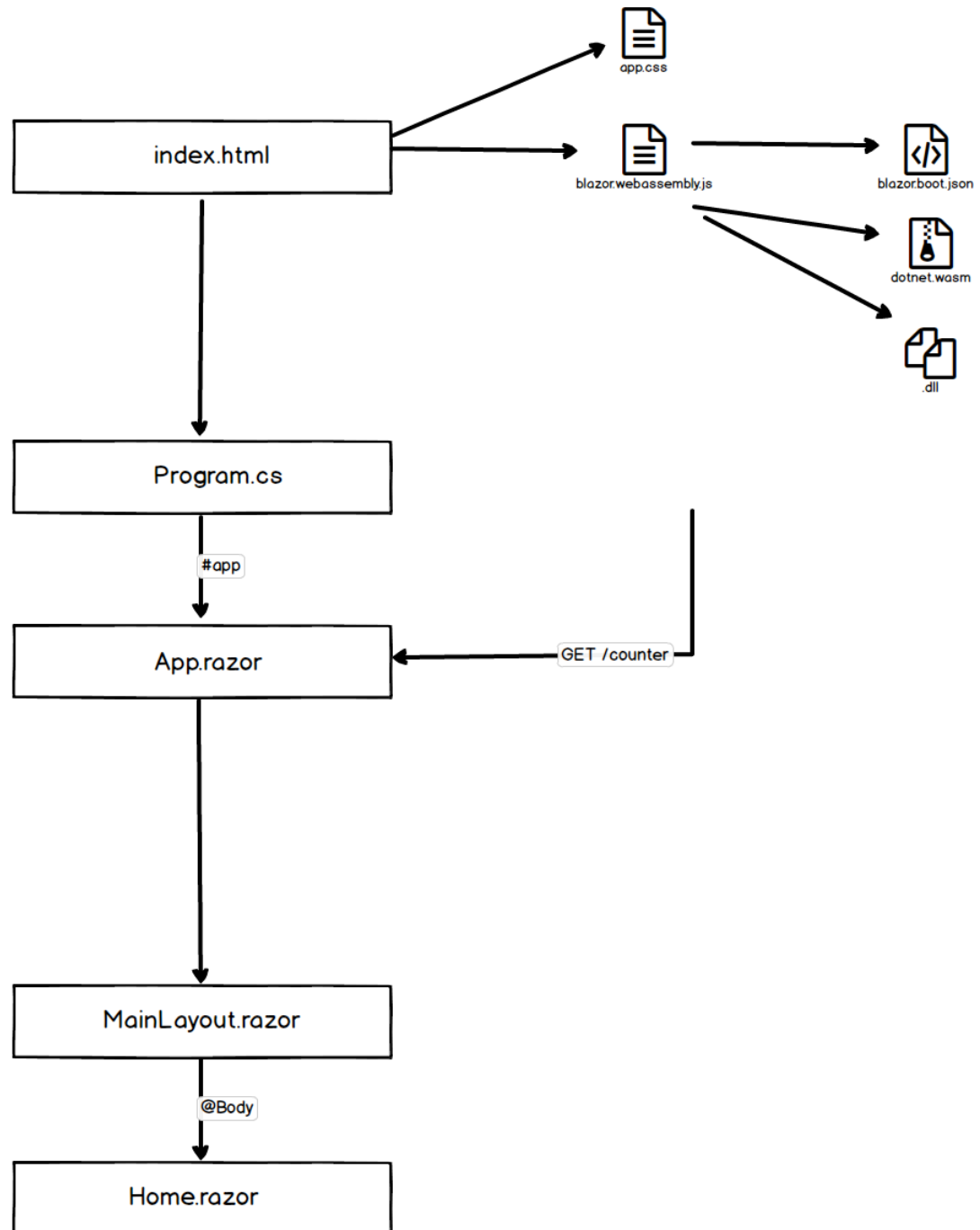
Blazor Web Assembly (Blazor Client-Side)



Project Structure - Blazor Server



Blazor Web Assembly

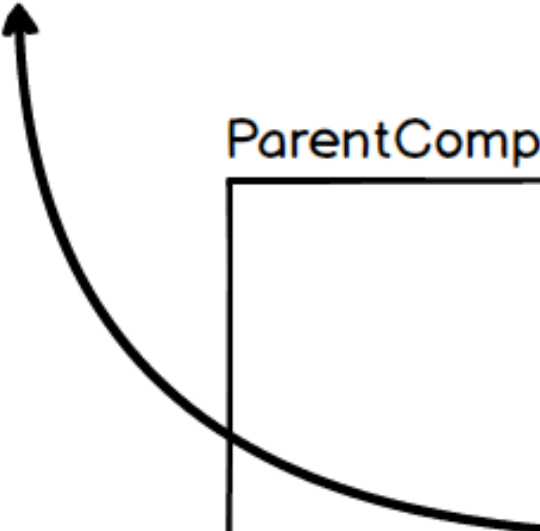


CascadingValue

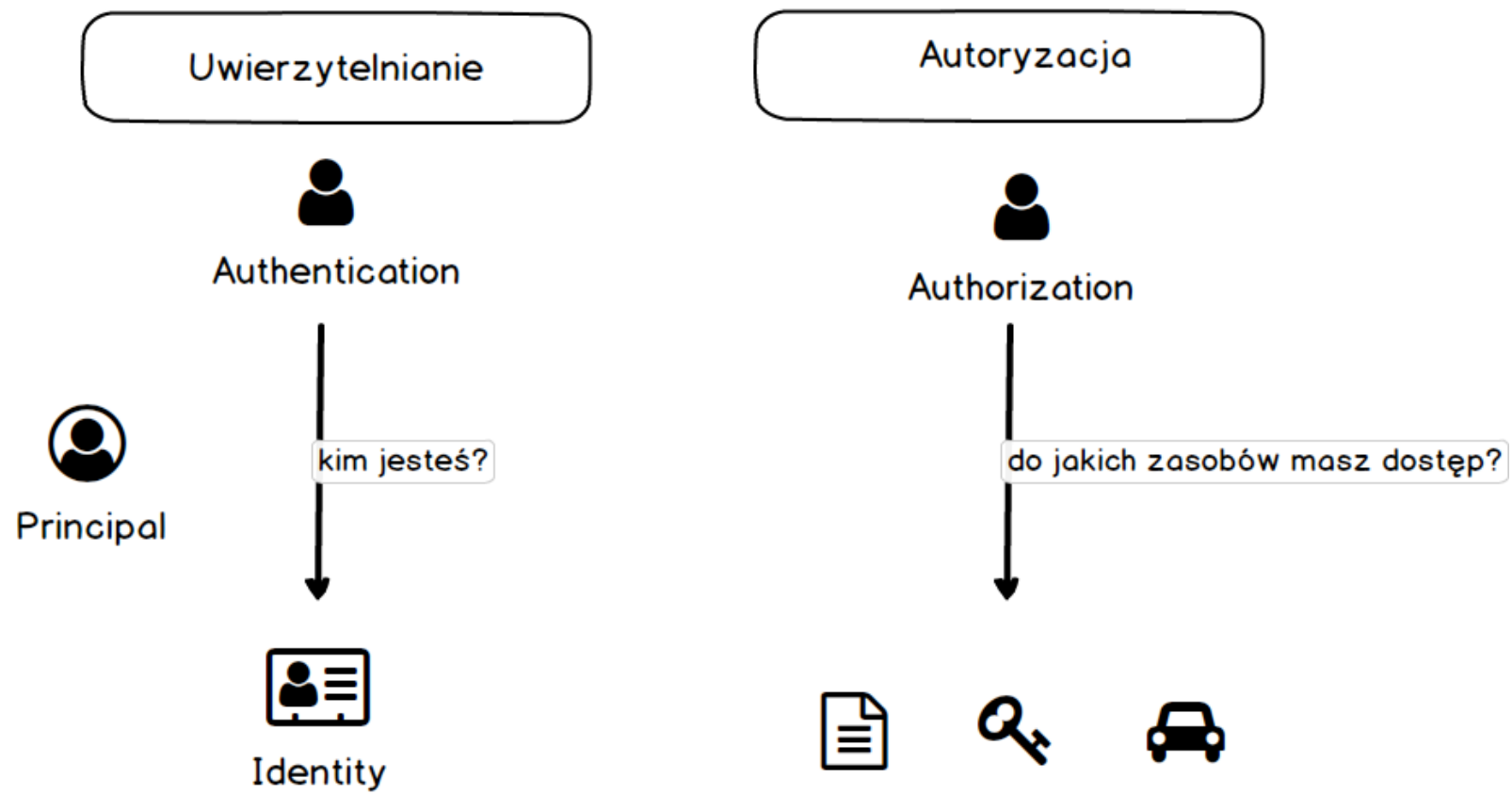
ParentComponent

ChildComponent

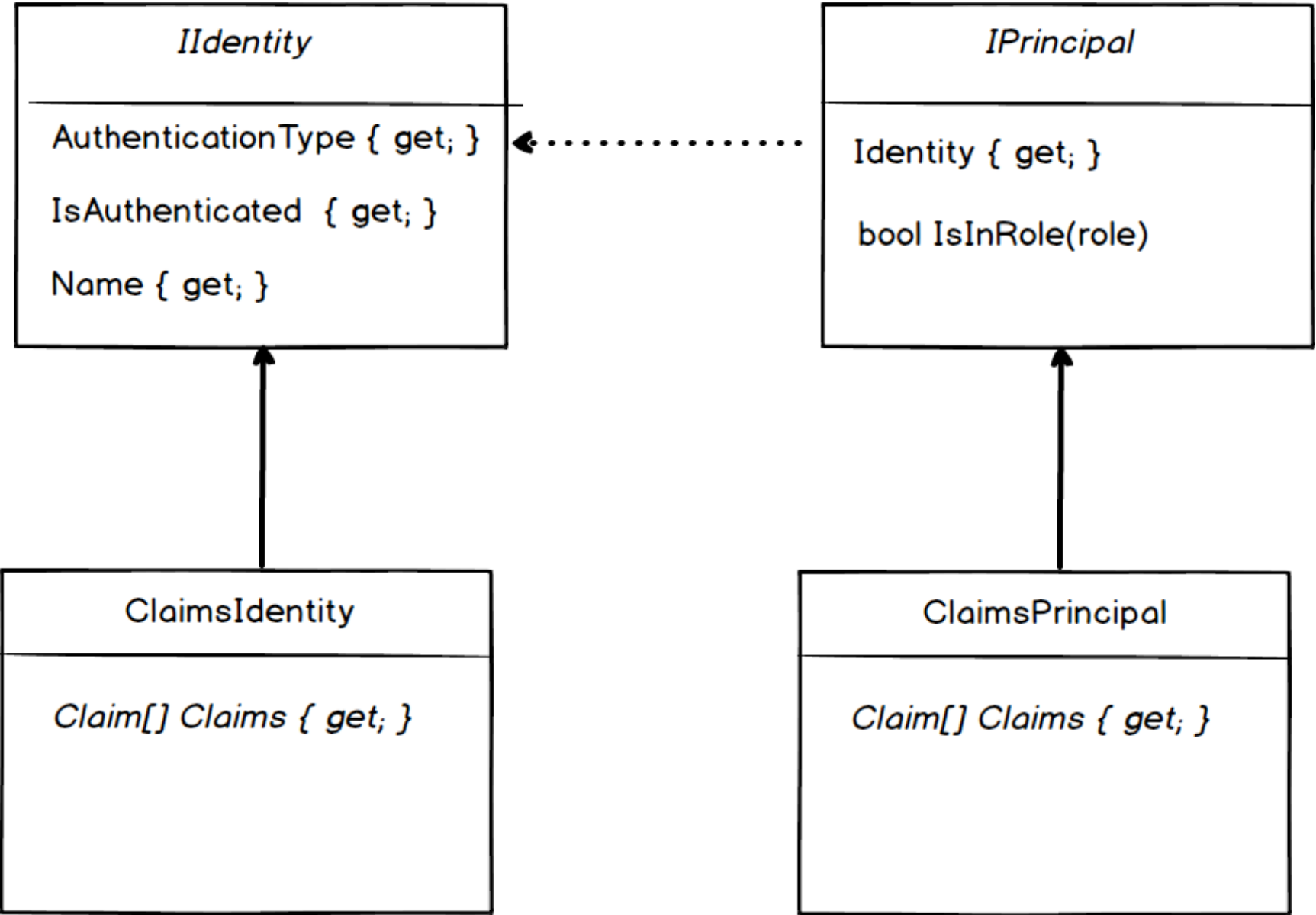
[CascadingParameter]
string

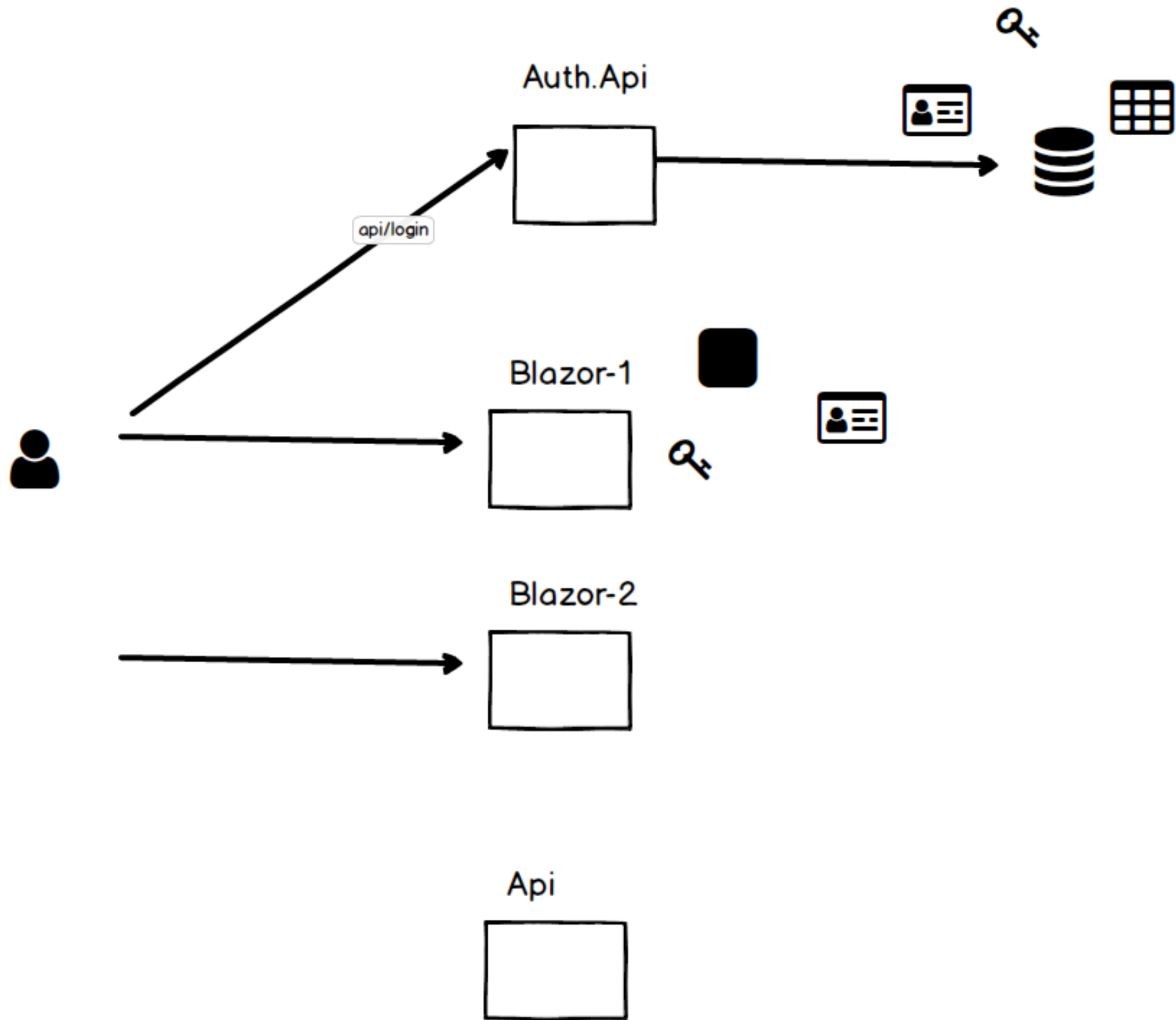


Authentication vs Authorization



IIdentity vs IPrincipal

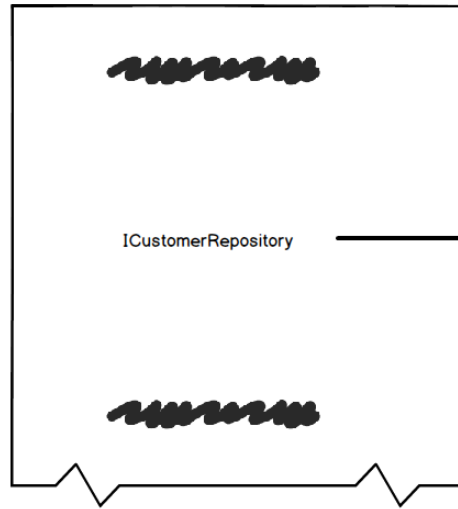




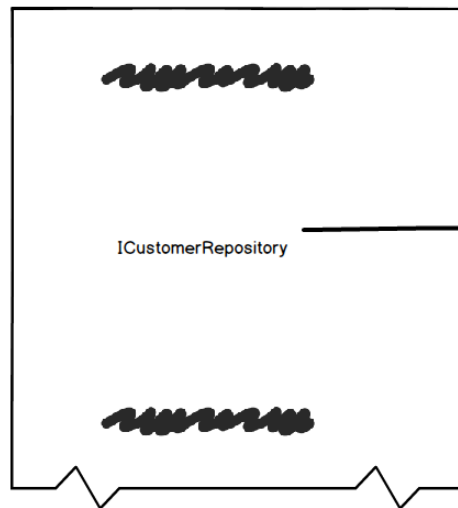
ICustomerRepository

GetAll()

@Page "/customers"

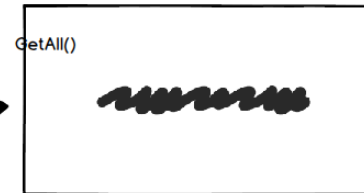


@Page "/customer"



DbCustomerRepository

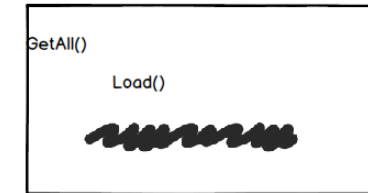
GetAll()



FileCustomerRepository

GetAll()

Load()



Zadanie #1 Lista produktów

A Web Page

http://localhost:5000/products

Q

Product List

Name	Color	Price	
Produkt 1	red	100	View
Produkt 2	blue	90	View
Produkt 3	green	100	View
Produkt 4	red	50	View
Produkt 5	red	20	View



http://localhost:5000/products/1



Product1

Color:

200 zł

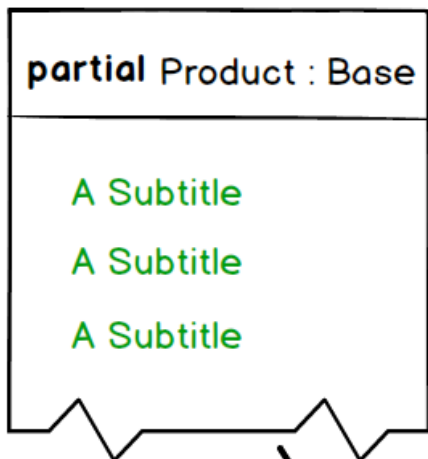


Zadanie #2 Dashboard

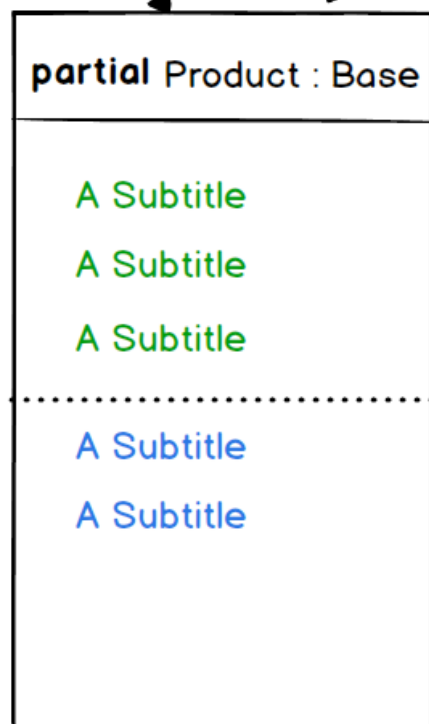
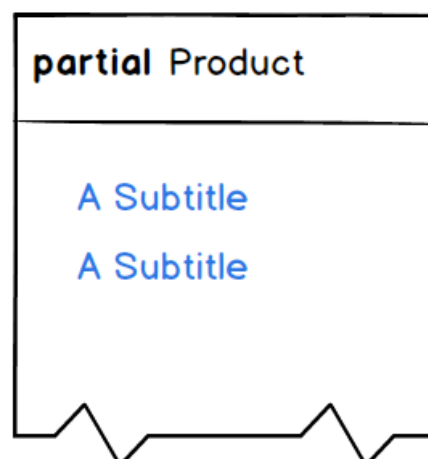




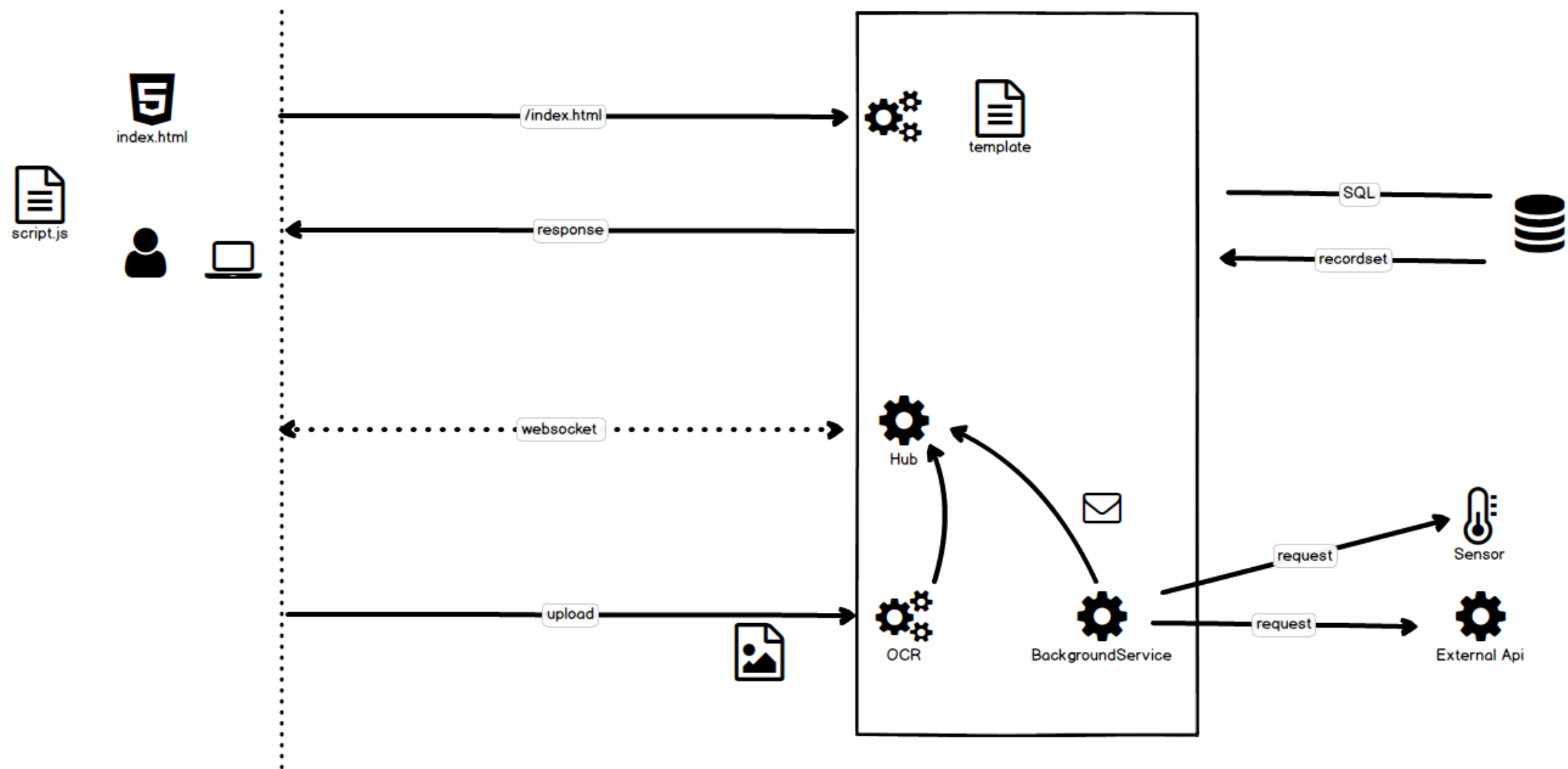
product.cs



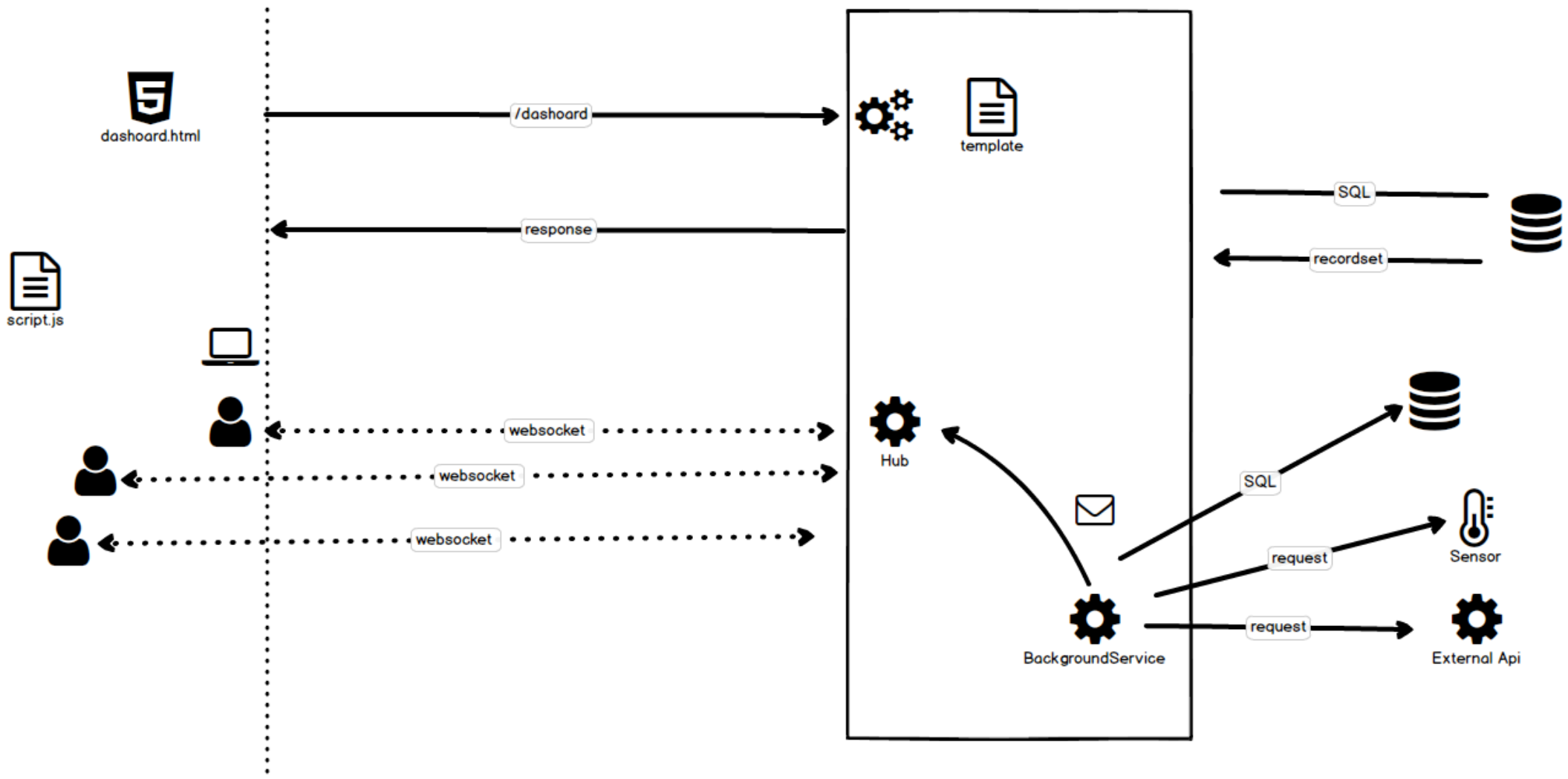
product.g.cs



Signal-R



Signal-R





Blazor



script.js

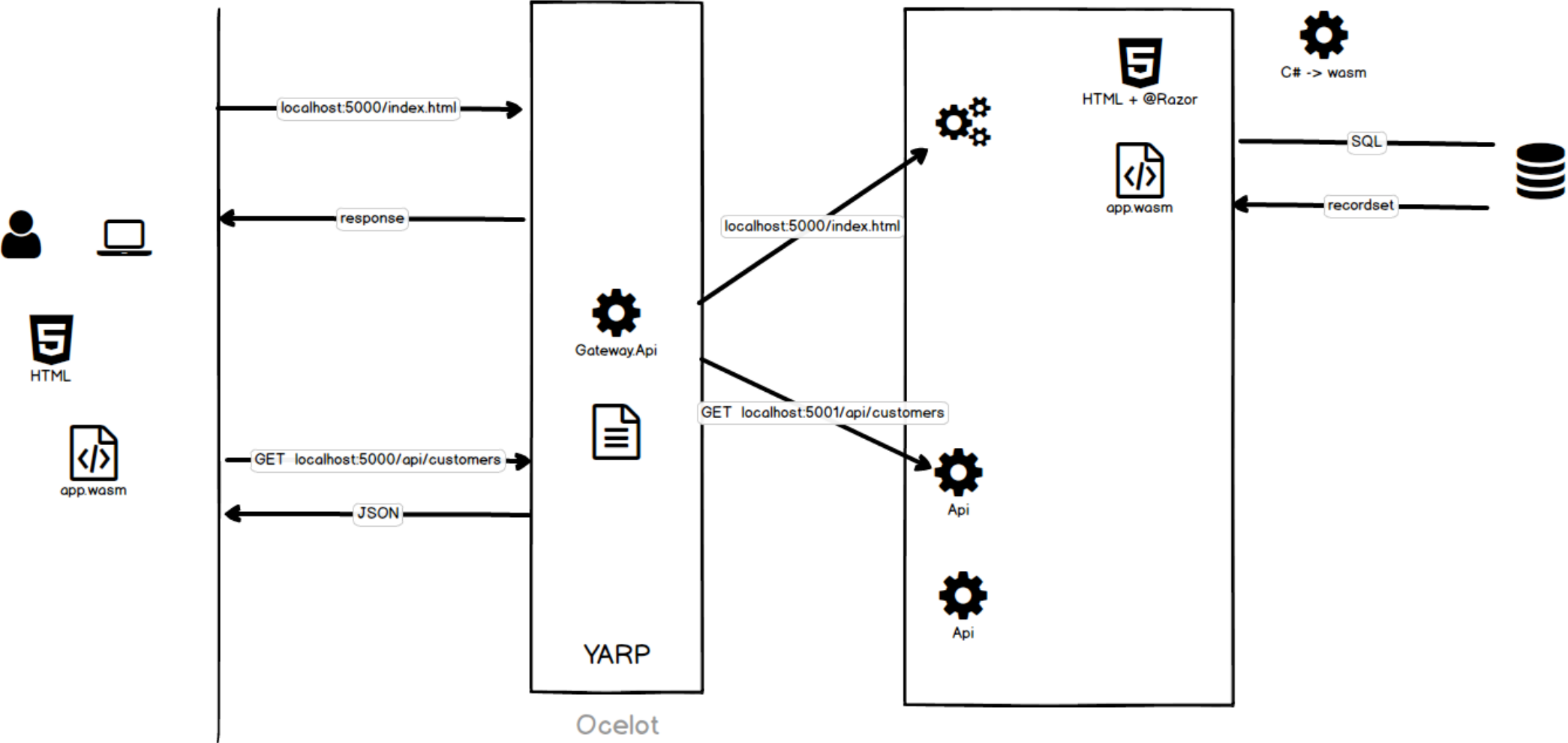


Blazor



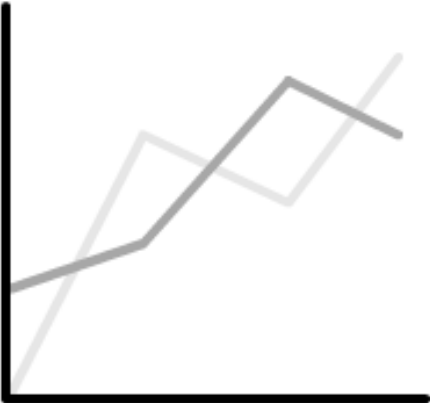
script.js

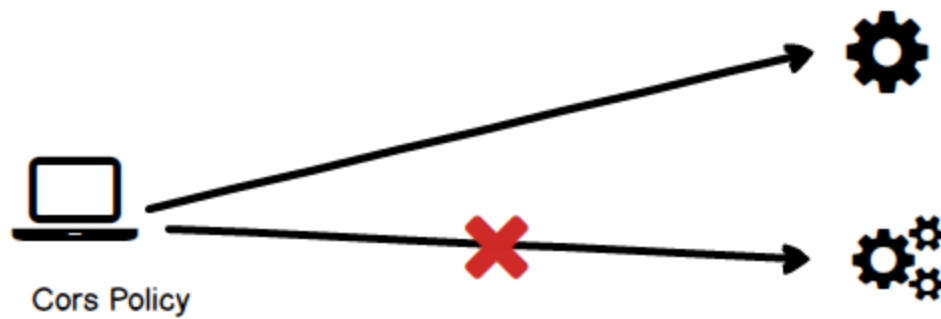
Blazor Web Assembly (Blazor Client-Side)



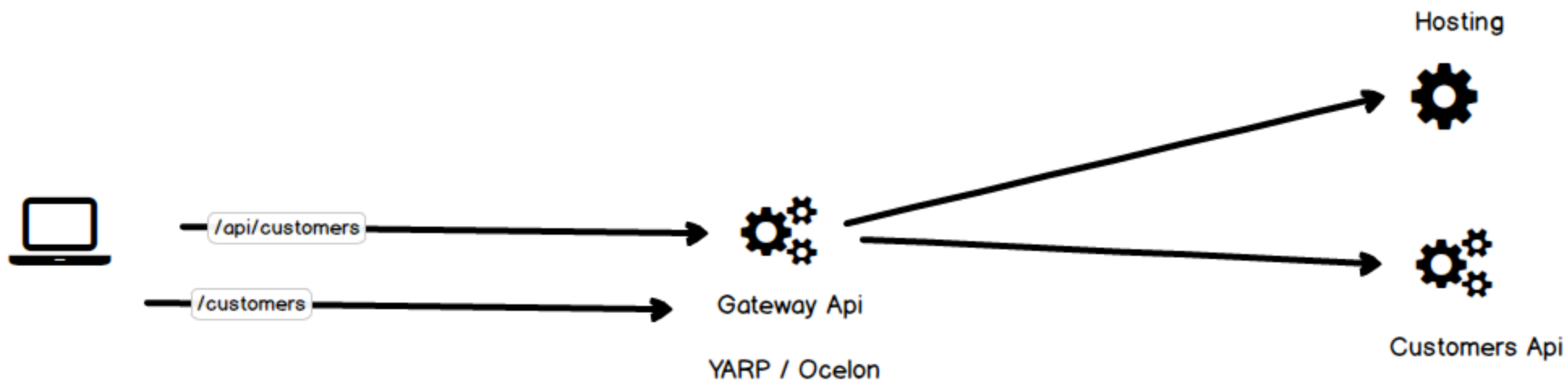
[illegible]

Name (job title) ▲	Age ▼	Nickname	Employee ▼
Giacomo Guilizzoni Founder & CEO	40	Peldi	☉
Marco Botton Tuttofare	38		☑
Mariah Maclachlan Better Half	41	Patata	☐
Valerie Liberty Head Chef	:)	Val	☑
Data Grid Docs →			☐



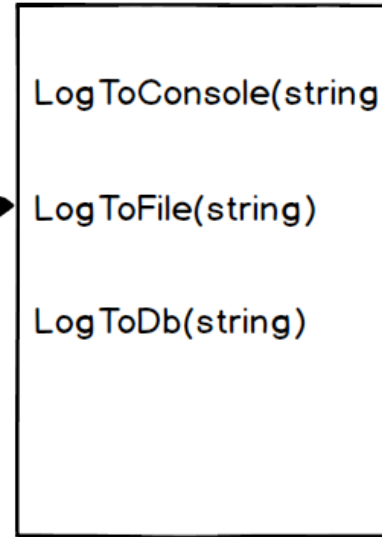
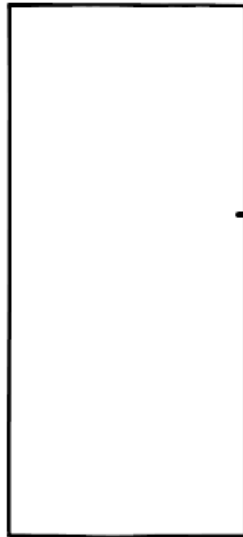


Gateway Api



Program.cs

Logger



events

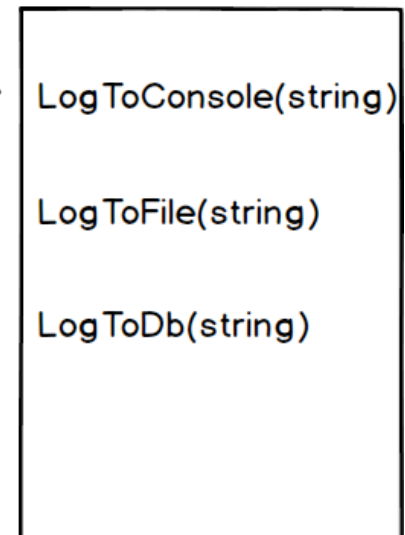
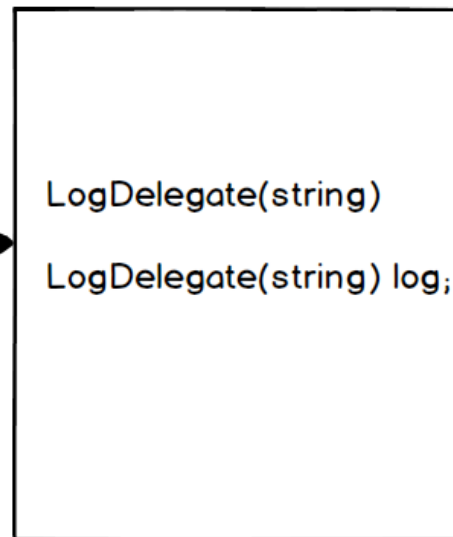
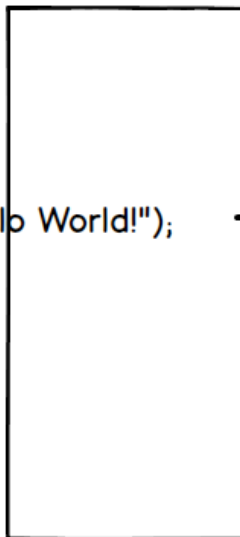
Func<T> Action

logger.LogToFile("Hello World!");

Program.cs

Logger

log.Invoke("Hello World!");



<CascadingValue>

Type	Value	Name
string	dark	MyTheme
int	10	
string	danger	MyAlert

